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STIC Database Tracking Number: 166043

TO: Rebecca Cook
Location: rem/3C70
Art Unit: 1614
Monday, September 19, 2005
Case Serial Number: 09/742993

From: Karen Catlin
Location: Biotech-Chem Library
REM-1A79
Phone: (571)272-2520
Karen.Catlin@uspto.gov

Search Notes

Examiner Cook,

See litigation search results attached. Please note that this search was previously requested (8/30) and completed (9/14).

If you have any questions about this search please contact me.

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Karen Catlin (ASRC)
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166043
SEARCH REQUEST FORM

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Scientific and Technical Information Center

Requester's Full Name: Rebeccalook

Examiner #: 69826 Date: 9/19/05

Art Unit: 1614 Phone Number 30

Serial Number: 091742993

Mail Box and Bldg/Room Location: 3C70

Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of invention: _____

Inventors (please provide full names): See attached

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

please do litigation search
thank you
Rebecca

Rush Search Approved
Completed 19 Sep 2005

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7-2520

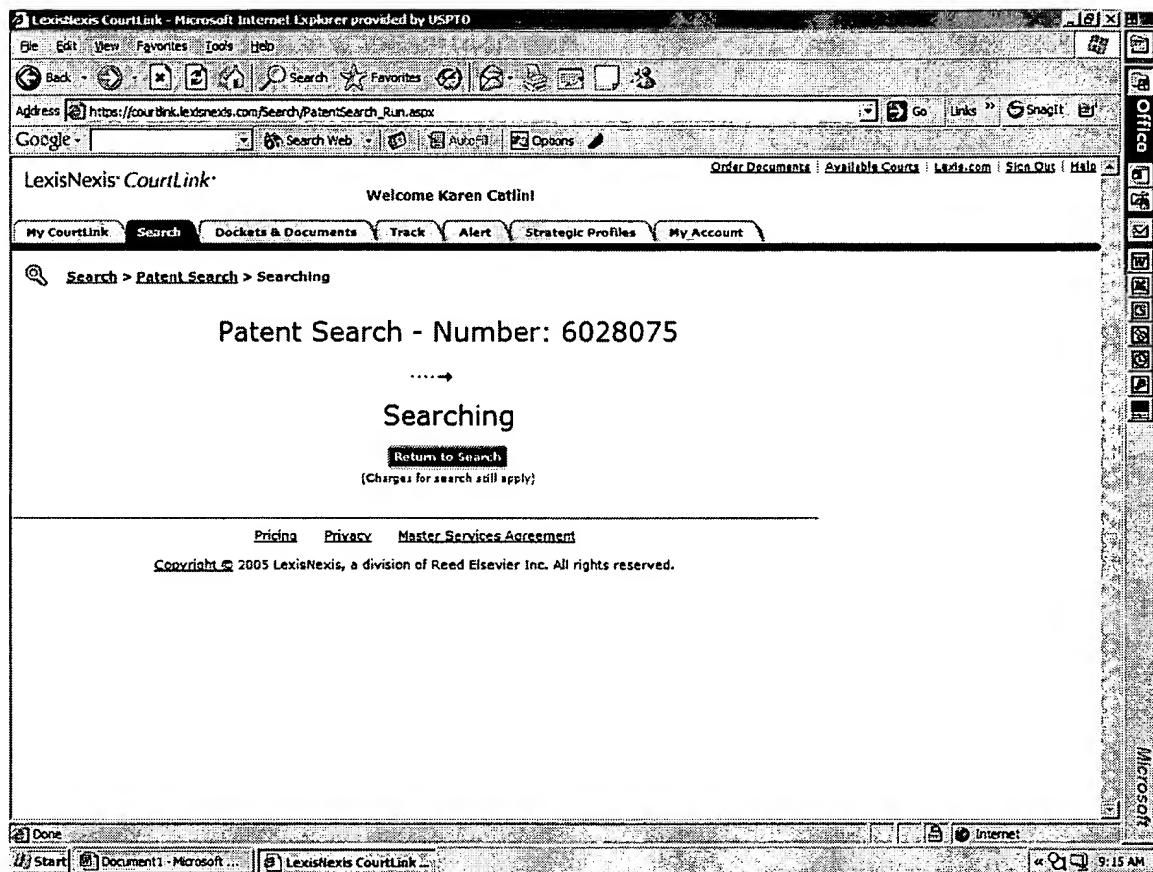
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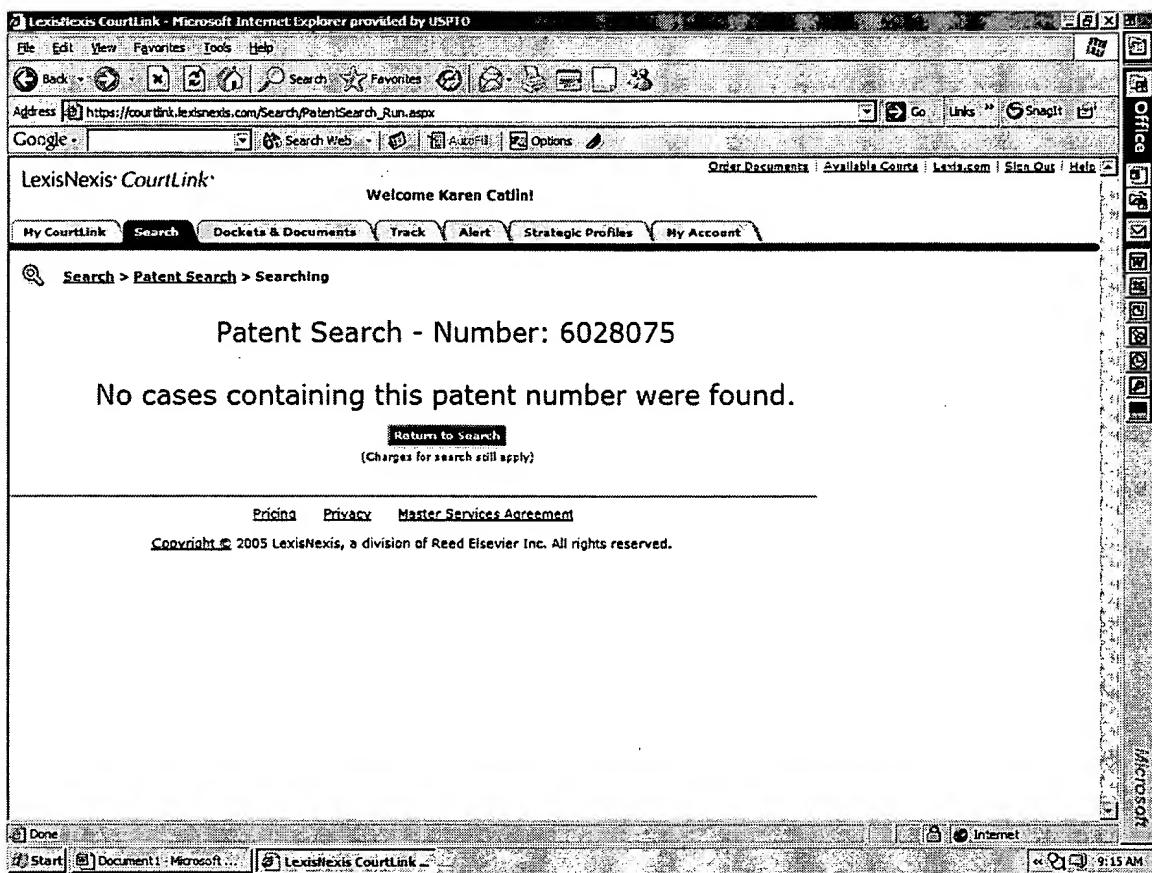
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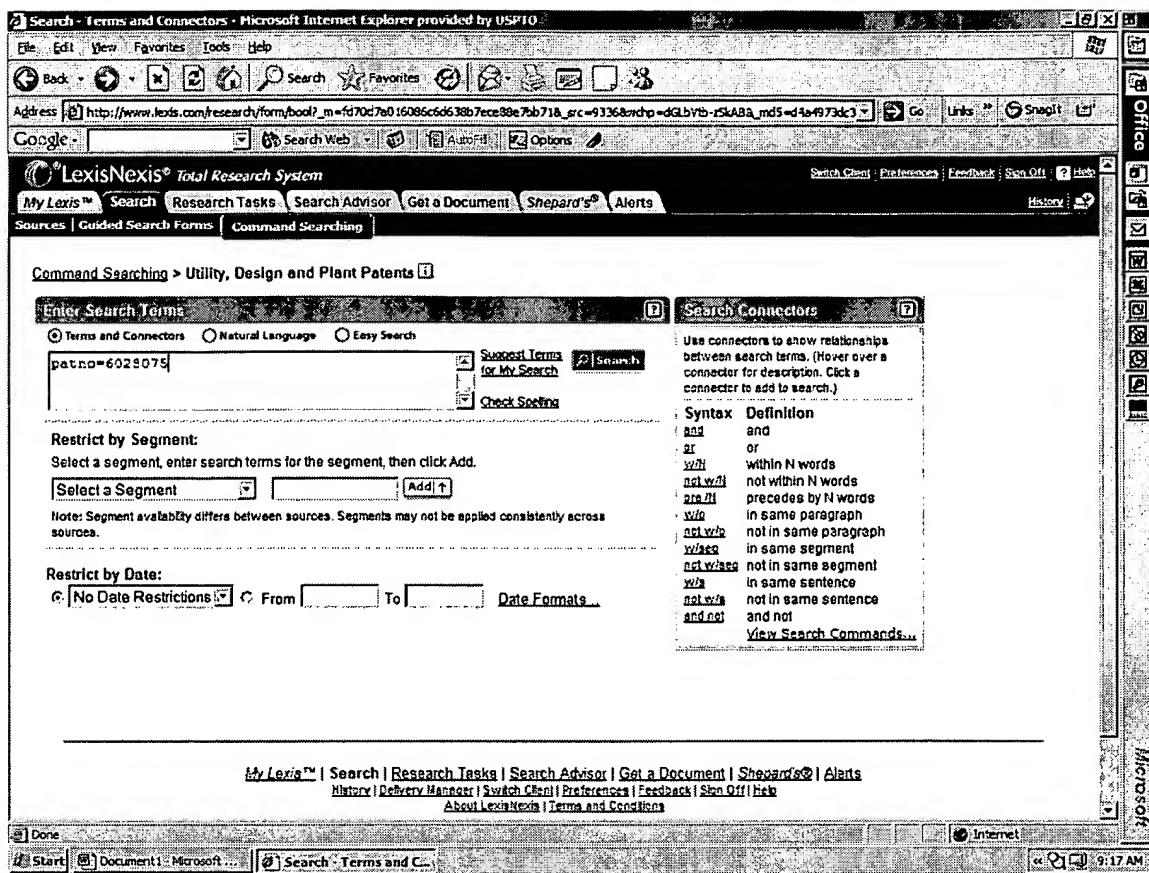
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Patent files searched.

Search - 1 Result - patno=6028075 - Microsoft Internet Explorer provided by USPTO

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Pat. No. 6028075 (Copy w/ Cite) Pages: 1

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[Link to Claims Section](#)

February 22, 2000

Quinazolinone containing pharmaceutical compositions for prevention of neovascularization and for treating malignancies

APPL-NO: 797703 (08)

FILED-DATE: February 11, 1997

GRANTED-DATE: February 22, 2000

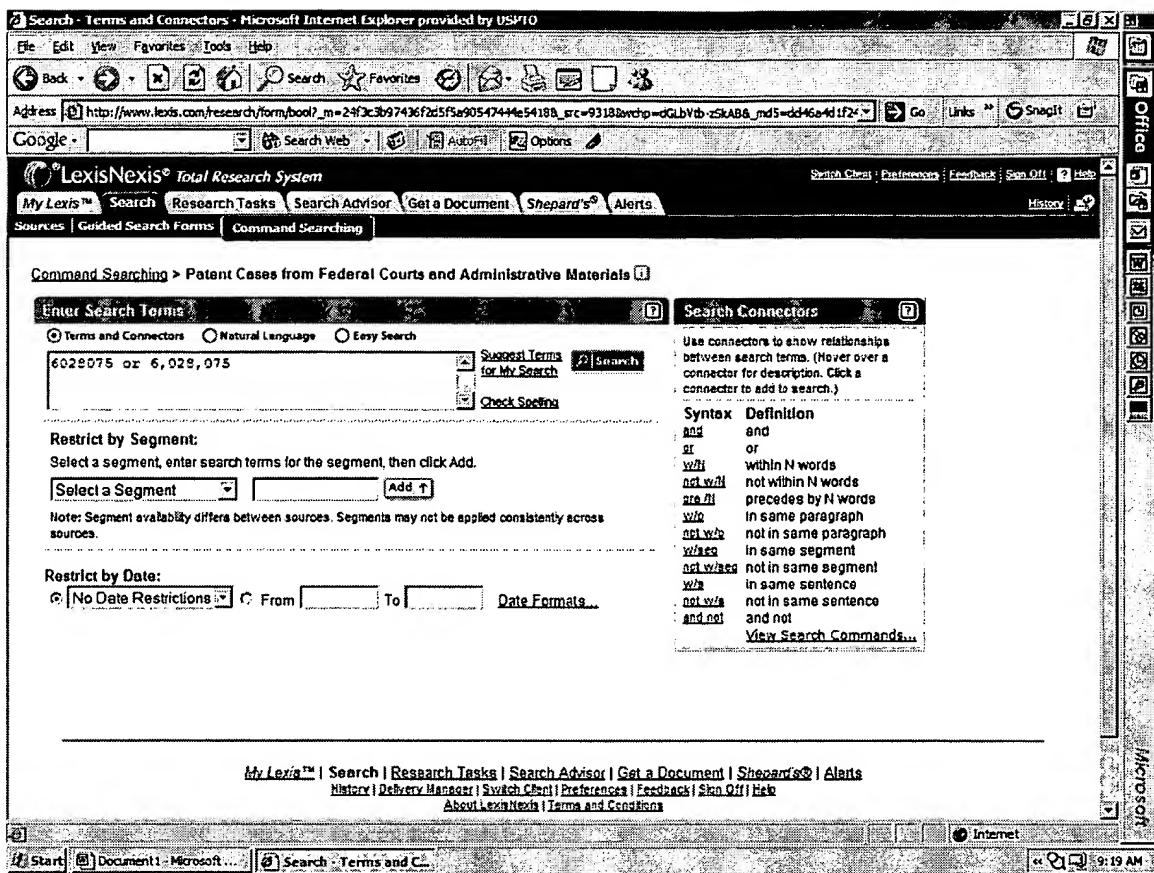
ASSIGNEE-AFTER-ISSUE: June 8, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., AGRICULTURAL RESEARCH ORGANIZATION MINISTRY OF AGRICULTURE THE VOLCANI CENTER 50250 BET DAGAN ISRAEL; HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD. KIRYAT HADASSAH 91120 JERUSALEM ISRAEL, Reel and Frame Number: 09286/0993

CORE TERMS: halofuginone, cell, tumor, collagen, mice, sub, sup, inhibition, vivo, angiogenesis ...

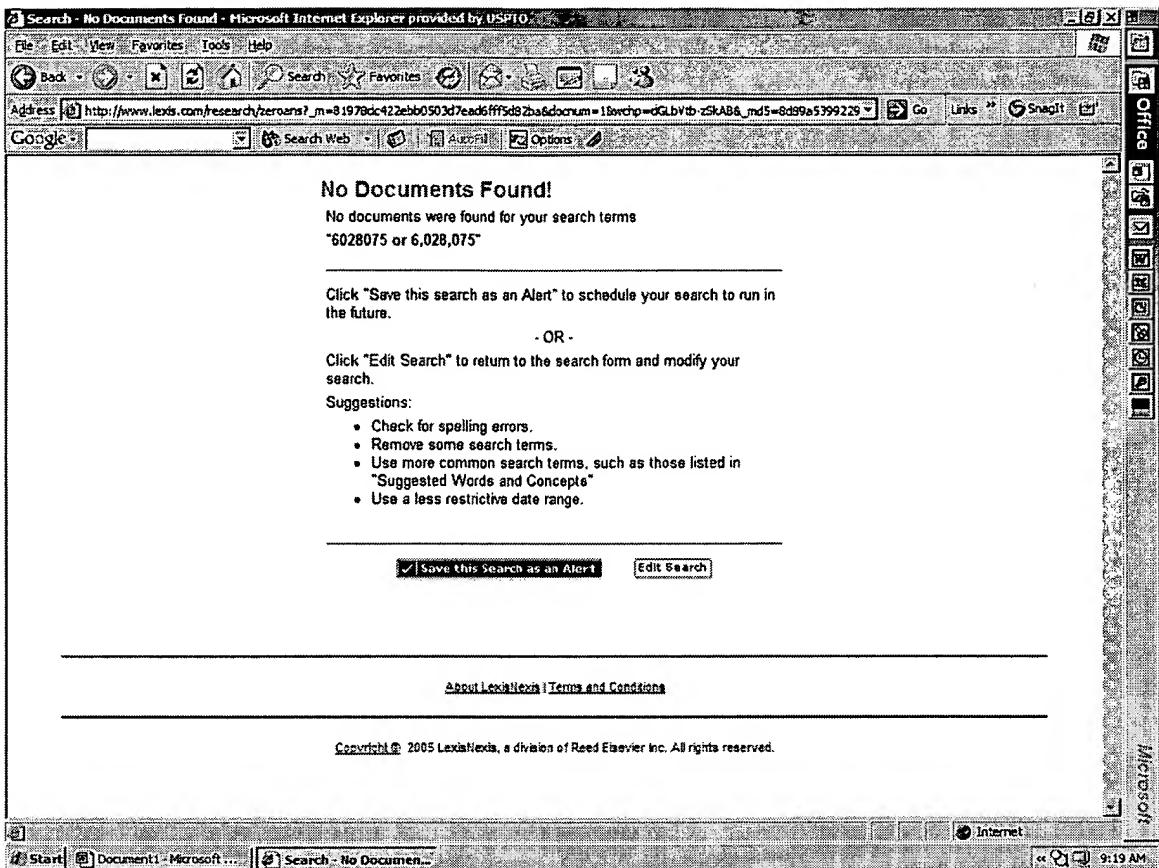
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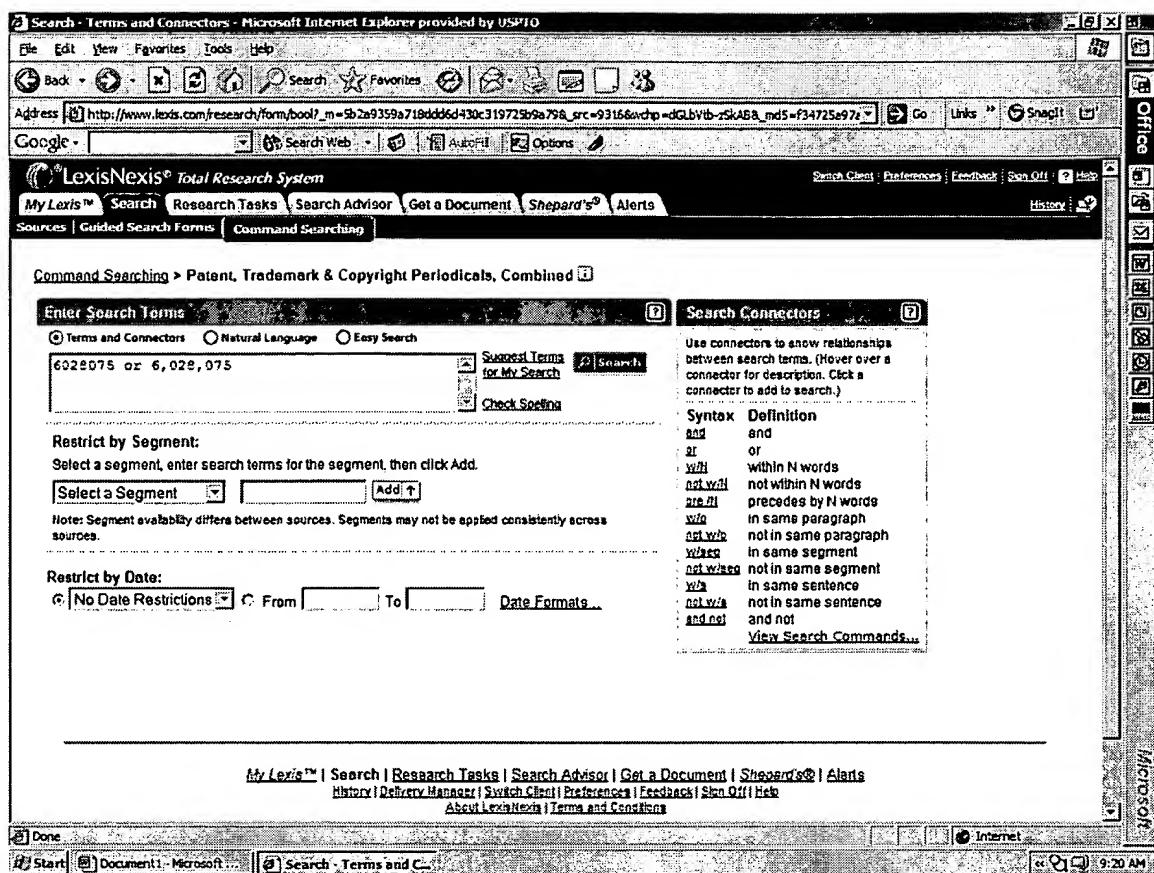
If the patent is involved in litigation, Lexis would indicate that here (see arrow). No litigation indicated.



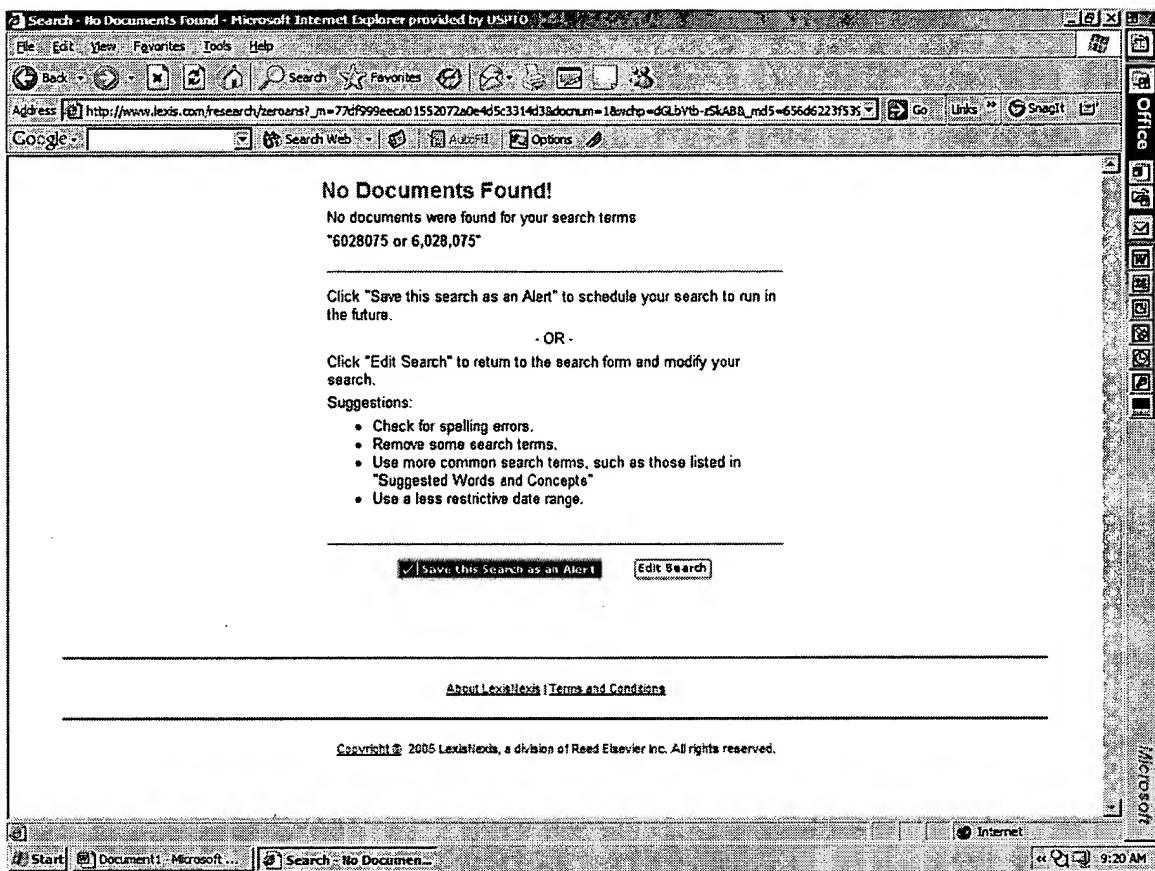
Patent Cases from Federal Courts and Administrative Materials file searched.



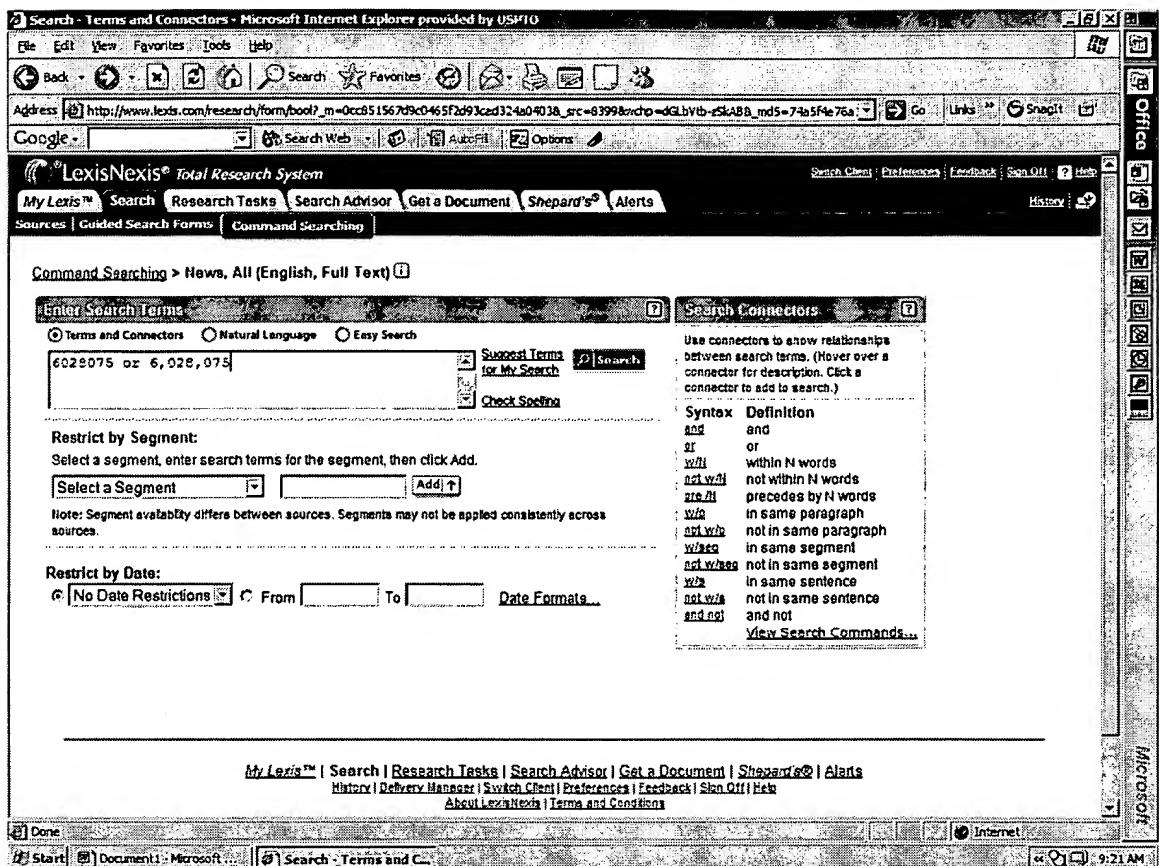
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Search - 3 Results - 6028075 or 6,028,075 - Microsoft Internet Explorer provided by USPTO

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Source: Command Searching > News, All (English, Full Text) Terms: 6028075 or 6,028,075 Edit Search Suggest Terms for My Search

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1. **Business Wire**, September 24, 2002, Tuesday, 526 words, Collgard Biopharmaceuticals Announces Milestone Patent for Tempostatin; BIOWIRE2K, BOSTON, Sept. 24, 2002
... U.S. Patent No. 6,028,075 issued on February ...

2. **CHEMICAL BUSINESS NEWSBASE**, April 12, 2000, 119 words, PRESS RELEASE: Collgard Biopharmaceuticals' receives patent for new in class cancer treatment
... US Patent No 6,028,075 for the use of their lead ...

3. **PR Newswire**, April 6, 2000, Thursday, FINANCIAL NEWS, 482 words, Collgard Biopharmaceuticals' Receives Patent for New in Class Cancer Treatment, WABAN, Mass. and TEL AVIV, Israel, April 6
... receipt of U.S. Patent 6,028,075, for the use of their lead ...

Source: Command Searching > News, All (English, Full Text) Terms: 6028075 or 6,028,075 Edit Search Suggest Terms for My Search

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109C43

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6028075 or 6,028,075

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1 of 3 DOCUMENTS

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Business Wire

September 24, 2002, Tuesday

DISTRIBUTION: Business Editors, Health/Medical Writers

LENGTH: 526 words

HEADLINE: Collgard Biopharmaceuticals Announces Milestone Patent for Tempostatin;
BIOWIRE2K

DATELINE: BOSTON, Sept. 24, 2002

BODY:

Tempostatin(TM) Receives U.S. Patent for the Prevention of Angiogenesis and for Treating Cancers, Malignancies and Neoplasms

Collgard Pharmaceuticals (www.collgard.com), "the tissue therapeutics company," announced today its receipt of U.S. Patent No. 6,420,371 B1, issued on July 16, 2002 for the use of Tempostatin(TM) (Halofuginone hydrobromide) and its derivatives for the prevention of angiogenesis (new blood vessel formation) and for treating cancers.

The patent was granted to Collgard founding scientists Dr. Mark Pines, Professor Israel Vlodavsky and Professor Arnon Nagler.

Collgard is developing Tempostatin(TM) as a therapeutic platform for managing tissue response to injury and as a means to protect tissue against invasion by cancer cells. The company is developing a new class of "tissue therapeutics" that are targeted toward unmet clinical needs in organ failure, restenosis and selected cancers including prostate, breast, bladder and brain cancers. The grant of this patent further establishes Collgard's proprietary and novel approach to cancer therapy through modifying the behavior of stromal cells. Collgard is the leader in pharmaceutical development based on the link between tissue repair and the biological forces that determine tumor growth.

The patent announced today expands the Company's existing proprietary technology including U.S. Patent No. 6,028,075 issued on February 22, 2000 for use of Tempostatin(TM) for the prevention of neovascularization and the treatment of malignancies; and U.S. Patent No. 6,090,814 issued on July 8, 2000 for the use of the compositions and methods for the attenuation of neovascularization.

Preclinical studies show that Tempostatin(TM) has the ability to 'starve' tumors into submission by preventing angiogenesis (the creation of new tumor associated blood vessels) that is accomplished by inhibiting a master switch in the tissue repair process.

"We are very pleased by the issuance of this patent, that further supports Collgard's drug development efforts. Both tissue invasion and the metastasis of solid tumors are accelerated when stromal cells are forced to serve the needs of the tumor. Cutting the tumor off from stromal cell support, is a powerful and novel approach to limiting the spread and growth of solid tumors," said Collgard CEO Dr. Bruce Bach.

About Collgard Biopharmaceuticals

Founded in 1996, Collgard Biopharmaceuticals is a clinical stage tissue therapeutics company, led by a global team of medical and drug development experts in Boston, Atlanta and Tel Aviv. The company is currently engaged in phase II clinical studies evaluating a novel approach to the prevention and treatment of organ failure, restenosis and specific cancers. Scientific and clinical collaborators include the Mayo Clinic, the U.S National Cancer Institute, and the Euro-

Collgard Biopharmaceuticals Announces Milestone Patent for Tempostatin;B

pean Organization for Research and Treatment of Cancer (EORTC). For additional information: Marjie Hadad, Media Liaison, +972-55-365-220 or marjie@collgard.com.

CONTACT: Collgard Biopharmaceuticals
Marjie Hadad, +972-55-365-220
marjie@collgard.com

URL: <http://www.businesswire.com>

LOAD-DATE: September 25, 2002

2 of 3 DOCUMENTS

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CHEMICAL BUSINESS NEWSBASE

April 12, 2000

LENGTH: 119 words

HEADLINE: PRESS RELEASE: Collgard Biopharmaceuticals' receives patent for new in class cancer treatment

BODY:

Collgard Biopharmaceuticals Ltd announced the receipt of US Patent No 6,028,075 for the use of their lead compound, Halofuginone and derivatives, in the treatment of tumours including bladder, prostate, breast, skin, and lung.

Halofuginone is a small molecule derivative of a natural plant substance.

The company expects Halofuginone to enter clinical trials for cancer applications in mid 2000.

Collgard Biopharmaceuticals develops unique mechanism of action therapeutic products that affect the turnover of collagen to prevent or treat scleroderma, solid tumours, restenosis and other fibrotic disorders.

Collgard Biopharmaceuticals Ltd, USA, Tel: +1 617 244 6016, E-mail: farbern@aol.com

LOAD-DATE: September 8, 2000

3 of 3 DOCUMENTS

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April 6, 2000, Thursday

SECTION: FINANCIAL NEWS

DISTRIBUTION: TO BUSINESS AND MEDICAL EDITORS

LENGTH: 482 words

HEADLINE: Collgard Biopharmaceuticals' Receives Patent for New in Class Cancer Treatment

DATELINE: WABAN, Mass. and TEL AVIV, Israel, April 6

BODY:

Collgard Biopharmaceuticals Ltd., today announced the receipt of U.S. Patent **6,028,075**, for the use of their lead compound, Halofuginone and derivatives, in the treatment of tumors including bladder, prostate, breast, skin, and lung. Halofuginone is a small molecule derivative of a natural plant substance. The company expects Halofuginone to enter clinical trials for cancer applications in mid 2000. This will be the company's second clinical program for Halofuginone and follows the scleroderma program currently underway.

"The broad claims of this cancer patent is part of a growing intellectual property portfolio that utilizes Halofuginone in a variety of applications based on the drugs ability to block the production and turnover of collagen type I," said Dr. Neal Farber, Chief Executive Officer of Collgard Biopharmaceuticals. "Currently, Collgard holds six patents issued in the U.S. for major clinical applications of Halofuginone and we are using the compound to treat scleroderma, cancer, restenosis and fibrosis. We are moving ahead with our development programs to make this treatment available to patients who suffer from painful and debilitating diseases that stem from excessive collagen production."

Collagen is a principal structural component of all connective tissues in the body. Collagen turnover affects tumor growth, new blood vessel formation and metastatic spread. Through the inhibition of collagen production, Halofuginone impedes a variety of cellular activities that are essential to tumor growth including angiogenesis, cell proliferation and cell migration. This unique mechanism of Halofuginone is termed Panstasis(TM) and is the first in a new class of anti-tumor agents. Pre-clinical testing in mouse and rat tumor models conducted by company scientists and collaborators has demonstrated that Halofuginone inhibits the progression of numerous types of cancer including bladder, breast, prostate, sarcomas and gliomas. Based on this novel mechanism and animal data, the National Cancer Institute (NCI) has recently entered into an agreement with the company in the field of cancer therapy.

Collgard develops unique mechanism of action therapeutic products that affect the turnover of collagen to prevent or treat scleroderma, solid tumors, restenosis and other fibrotic disorders. The Company's lead product development programs are based on the application of Halofuginone, a specific inhibitor of collagen type I synthesis and collagenase. Collgard's program for the treatment of scleroderma is in Phase II clinical development.

SOURCE Collgard Biopharmaceuticals Ltd.

CONTACT: Neal Farber, Ph.D., President and CEO of Collgard Biopharmaceuticals, 617-244-6016, farbern@aol.com or Robert Gottlieb or Karen Lane of Feinstein Kean Healthcare, 617-577-8110

URL: <http://www.prnewswire.com>

LOAD-DATE: April 7, 2000